

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	108	703/13.ccls. and @pd>"20050801"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 16:29
L4	766	703/1.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:18
L5	626	706/45.ccls. and @ad<"20010303" <i>AI Knowledge Processing</i>	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:44
L6	390	L5 and (configur\$5 or provision\$3)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:44
L7	112	706/919.ccls. and @ad<"20010303" <i>AI system - Designing, Planning</i>	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:44
L8	69	L7 and (configur\$5 or provision\$3)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:49
L9	21934	(cable\$1 or connection\$1) and port\$1 and selecti\$3 and connector\$1 and @ad<"20010303"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:51
L10	17901	L9 and (configur\$5 or provision\$3)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:52
L11	2574	L10 and rule\$1	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 17:53
L12	1590	L11 and manufacture\$2	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 18:36
L13	0	intangi.as.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/03/24 18:36

Scholar

Results 1 - 10 of about 73,700 for **configuration rule system**. (0.11 seconds)

**R1: A Rule-Based Configurer of Computer Systems**

J McDermott - Artificial Intelligence, 1982 - csa.com

R 1: A **rule**-based configurer of computer systems. ... R1 is implemented as a production **system**. ... method; it has sufficient knowledge of the **configuration** domain and ...

Cited by 234 - [Web Search](#) - [Library Search](#)

**Constructing lexical transducers - group of 7 »**

L Karttunen - Proceedings of COLING-94 I, 1994 - parc.com

... can be a simplification from the point of the **rule system**. ... or a transducer) and any number of **rule** transducers ... in the source lexicon and a **configuration** of rule ...

Cited by 60 - [View as HTML](#) - [Web Search](#)

**Combinatorial rule explosion eliminated by a fuzzy rule configuration - group of 2 »**

WE Combs, JE Andrews - IEEE Transactions on Fuzzy Systems, 1998 - ieeexplore.ieee.org

... growth in the number of rules as inputs are added to the **system**, quickly reducing performance to unacceptable levels. A novel **rule configuration** and matrix ...

Cited by 45 - [Web Search](#) - [BL Direct](#)

**Rule-base structure identification in an adaptive-network-based fuzzy inference system - group of 3 »**

CT Sun - IEEE Transactions on Fuzzy Systems, 1994 - ieeexplore.ieee.org

... when the architecture is used to model a complicated **system** with many ... the uniform-partition assumption and consider an arbitrary **rule-base configuration**. ...

Cited by 74 - [Web Search](#)

**Developing a Declarative Rule Language for Applications in Product Configuration - group of 4 »**

T Soininen, I Niemelae - LECTURE NOTES IN COMPUTER SCIENCE, 1999 - Springer

... to be more suitable for representing **configuration** knowledge ... The **rule lan- guage** is closely related to normal ... of the stable model semantics, the Smodels **system**. ...

Cited by 42 - [Web Search](#) - [BL Direct](#)

**On the Number and Size of Nations - group of 11 »**

A Alesina, E Spolaore - 1995 - ebdv.free.fr

... This **rule** allows both individual citizens (who are ... is defined such that an equilibrium **configuration** of countries ... original one, so that the **system** returns to ...

Cited by 420 - [View as HTML](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

**A predicate matching algorithm for database rule systems - group of 2 »**

EN Hanson, M Chaabouni, C Kim, Y Wang - Proceedings of the ACM SIGMOD International Conference on ..., 1990 - portal.acm.org

... Connor , Judith Bachant , Elliot Soloway, Expert systems for **configuration** at Digital ... design of Ariel DBMS with an integrated production **rule system**, ACM SIGMOD ...

Cited by 77 - [Web Search](#)

**Version Models for Software Configuration Management - group of 10 »**

R Conradi, B Westfechtel - ACM Computing Surveys, 1998 - portal.acm.org

... organization of a versioned object base, even if the corresponding **system** is not ... used as required, such as textual languages for expressing **configuration** rules ...

Cited by 229 - [Web Search](#) - [BL Direct](#)

**Intermediaries: New Places for Producing and Manipulating Web Content - group of 6 »**

R Barrett, PP Maglio - WWW7 / Computer Networks, 1998 - scu.edu.au

... Finally, a **configuration** switch can set WBI to be a server-side intermediary ... name is specified, server-type requests run through the normal **rule system** and MEGs ...

Cited by 83 - [Cached](#) - [Web Search](#)

WIDE: A Distributed Architecture for Workflow Management - group of 9 »

S Ceri, PWPJ Grefen, G Sanchez - RIDE, 1997 - doi.ieeecs.org

... support module, and the active **rule** support module). In the **configuration** with Oracle as database platform, the ... The decomposition of a workflow **system** into a ...

Cited by 54 - Web Search

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configuration rule system

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Scholar

Results 1 - 10 of about 5,070 for **configuration rule system cable**. (0.12 seconds)

[PS] The use of theorem proving techniques in expert systems for **configuration**

H Lowe - 1991 - dai.ed.ac.uk

... For dd : disk ; cb : **system-cable** ; ch : channel dd 2 disks(S) ^ 9 < ;;; chtl ... It is a production **rule system**, where, for example, the right hand (action ...

Cited by 3 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

Optimizing knowledge-based **system** design - group of 2 »

H Liu, W Wen, CD Rowles - Proc. IEEE Conf. Artificial Intelligence Applications, 1991 - [ieeexplore.ieee.org](#)

... Thirdly, **rule** pri- ority is used to realise our dynamic ... be used to improve knowledge-based **system** design. It is obvious that the **configuration** space that we ...

Cited by 2 - [Web Search](#)

AI and Expert **System** Myths, Legends, and Facts - group of 8 »

MS Fox - IEEE Expert, February, 1990 - [ieeexplore.ieee.org](#)

... Is it determined by a technology such as rules? Clearly, we would not consider a simple, **rule**-implemented accounting program as an expert **system**. ...

Cited by 25 - [Web Search](#)

Expert systems for **configuration** at Digital: XCON and beyond - group of 3 »

VE Barker, DE O'Connor - Communications of the ACM, 1989 - [portal.acm.org](#)

... functional scope, and 3. Large **system** size and ... and deletions, as well as **rule** modifications ... **Configuration** information about them all must be included in the ...

Cited by 96 - [Web Search](#)

[PS] A Concept for Hierarchical, Decentralized Management of the Physical **Configuration** in the Internet - group of 3 »

HN Schaller - Kommunikation in Verteilten Systemen, 1995 - [snmp.cs.utwente.nl](#)

... To get a highly reliable **system**, we propose to ... A simple **rule** based consistency checker could verify, that the stored physical **configuration** is logically ...

Cited by 9 - [View as HTML](#) - [Web Search](#)

... cascade star network- A new **configuration** for a passive distribution **system** with optical collision ... - group of 4 »

T Tamura, M Nakamura, S Ohshima, T Ito, T Ozeki - Journal of Lightwave Technology, 1984 - [ieeexplore.ieee.org](#)

... data collision by monitoring coding **rule** violation for ... Though the Tee **system** is very common in ... systems, optical implementation of this **configuration** results in ...

Cited by 1 - [Web Search](#)

800 Mbit/s Digital Transmission **System** Over Coaxial **Cable** - group of 3 »

H Kasai, K Ohue, T Hoshino, S Tsuyuki - IEEE Transactions on Communications, 1983 - [ieeexplore.ieee.org](#)

... point of view, a three-level transmission **system** is suitable ... w Eye margin for **Rule**

A code H/P (7') Fig. ... 10 shows the timing extraction circuit **configuration**. ...

Cited by 1 - [Web Search](#)

Transient analysis of a crossbonded **cable system** underneath a bridge - group of 4 »

Y Itoh, N Nagaoka, A Ametani - IEEE Transactions on Power Delivery, 1990 - [ieeexplore.ieee.org](#)

... 132kv buo GW Vo132zJ%/f3'108kV peak overhead overhead 23 line **cable** line n 1 m 20km

2.2km 20km (a) Model **system configuration** (b) Line **configuration** Fig. ...

Cited by 1 - [Web Search](#)

[PS] Extending the proof plan methodology to computer **configuration** problems - group of 2 »

H Lowe - Applied Artificial Intelligence, 1991 - dai.ed.ac.uk

... **rule** may be performed until a given condition is ... We describe the **system** in terms of the specication ... A possible **configuration** is: [...cardcage([3,fast-channel ...

[Cited by 3](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

An overview of knowledge-based **configuration** - group of 5 »

M Stumptner - AI Communications, 1997 - IOS Press

... In a **rule**-based sys- tem, these different activities ... particular type occurring in the **configuration** depends on ... storage capacity" for a hard disk sub- **system**. ...

[Cited by 73](#) - [Web Search](#) - [BL Direct](#)

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configuration rule system cable

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» Key

IEEE JNL IEEE Journal or Magazine  
IEEE JNL IEE Journal or Magazine  
IEEE CNF IEEE Conference Proceeding  
IEE CNF IEE Conference Proceeding  
IEEE STD IEEE Standard

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1-25 | [26-28](#)

- ☐ 1. **Modeling and analysis guidelines for slow transients. III. The study of ferroresonance**  
Iravani, M.R.; Chaudhary, A.K.S.; Giesbrecht, W.J.; Hassan, I.E.; Keri, A.J.F.; Lee, K.C.; Martinez, J.A.; Morched, A.S.; Mork, B.A.; Parniani, M.; Sharshar, A.; Shirmohammadi, D.; Walling, R.A.; Woodford, D.A.;  
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Genji, T.; Shimamoto, M.; Kishida, K.;  
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- ☐ 3. **A negotiation methodology and its application to cogeneration planning**  
Shih-Ming Wang; Chen-Ching Liu; Sujen Luu;  
[Power Systems, IEEE Transactions on](#)  
Volume 9, Issue 2, May 1994 Page(s):869 - 875  
Digital Object Identifier 10.1109/59.317661  
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[Proceedings of the IEEE](#)  
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[Communications, IEEE Transactions on \[legacy, pre - 1988\]](#)  
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- ☐ 6. **Fiber Optic Transmission Systems--Status and Trends in Japan**  
Kimura, T.;  
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Volume 4, Issue 4, Jul 1986 Page(s):498 - 505

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[Selected Areas in Communications, IEEE Journal on](#)  
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Ruggieri, M.;  
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[Electronics Letters](#)  
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- ☐ **12. 3711 km, 4×2.5 Gbit/s WDM transmission over installed RIOJA submarine cable system**  
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- ☐ **16. Current Ultrasonic Nondestructive Testing Developments in the United Kingdom**  
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Brill, A.M.;  
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Published before April 2001

Terms used [configuration](#) [rule](#) [cable](#)

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## 1 [Expert systems for configuration at Digital: XCON and beyond](#)



Virginia E. Barker, Dennis E. O'Connor, Judith Bachant, Elliot Soloway  
March 1989 **Communications of the ACM**, Volume 32 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(2.29 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


Members of Digital Equipment Corporation's team of expert system experts reflect and recount a decade's worth of lessons learned in designing, and building a core of configuration systems

## 2 [Expert systems: perils and promise](#)



D. G. Bobrow, S. Mittal, M. J. Stefik  
September 1986 **Communications of the ACM**, Volume 29 Issue 9

Publisher: ACM Press

Full text available:  [pdf\(1.77 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Based on a review of some actual expert-system projects, guidelines are proposed for choosing appropriate applications and managing the development process.

## 3 [Patterns of communication in consensus protocols](#)



Cynthia Dwork, Dale Skeen  
August 1984 **Proceedings of the third annual ACM symposium on Principles of distributed computing**

Publisher: ACM Press

Full text available:  [pdf\(861.37 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents a taxonomy of consensus problems, based on their safeness and liveness properties, and then explores the relationships among the different problems in the taxonomy. Each problem is characterized by the communication patterns of protocols solving it. This then becomes the basis for a new notion of reducibility between problems. Formally, problem P1 reduces to problem P2 whenever each set of commun ...

## 4 [An Introduction to Using Linux as a Multipurpose Firewall](#)

Jeff Regan  
March 2000 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [html\(39.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Feeling insecure? Here's a guide for getting the protection you need.

5 An Ethernet compatible low cost/high performance communication solution



I. Chlamtac, A. Herman

August 1987 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM workshop on Frontiers in computer communications technology SIGCOMM '87**, Volume 17 Issue 5

**Publisher:** ACM Press

Full text available: pdf(1.24 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The LAN-HUB is a new local area network designed to combine the properties of several existing LAN standards to provide highly reliable communication at a relatively lower cost per station, improve network capacity/delay performance and increase the LAN user's flexibility in configuring his network. The LAN-HUB network is configured around the CODEX 4320 LAN-HUB communication controllers which allow up to eight Ethernet/IEEE 802.3 stations to transparently share one network transceiver or R ...

6 Domain knowledge and the design process

John McDermott

June 1981 **Proceedings of the 18th conference on Design automation**

**Publisher:** IEEE Press

Full text available: pdf(695.93 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

During the past 10 or 12 years, Artificial Intelligence researchers have explored techniques for bringing large amounts of domain knowledge to bear in solving ill-structured problems. Several programs that make use of these knowledge-based techniques are currently being developed to assist in various design tasks. This paper introduces one technique—rule-based programming—and illustrates its use with two programs, R1 and XSEL, which are used by Digital Equipment Corporation in t ...

7 Quo Vadis evolvable hardware?



Moshe Sipper, Daniel Mange, Eduardo Sanchez

April 1999 **Communications of the ACM**, Volume 42 Issue 4

**Publisher:** ACM Press

Full text available: pdf(409.06 KB) html(34.33 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

8 Resnet at MIT—bringing the internet home



Christi-Anne Castro

October 1994 **Proceedings of the 22nd annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press

Full text available: pdf(325.97 KB) Additional Information: [full citation](#), [index terms](#)

9 A computer aided interconnection system



Richard W. Wilson

January 1969 **Proceedings of the 6th annual conference on Design Automation**

**Publisher:** ACM Press

Full text available: pdf(386.33 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

When electronic equipment is designed there are two ways of defining the equipment: 1) by parts content and 2) by electrical interconnections. The concern here is with electrical interconnections; how they are defined; how they flow through the phases of design; and how a computer-aided system has helped to create an efficient design tool out of a cumbersome manual data flow. By comparing the manual system (Fig 1) with the computer-aided system (F ...

10 DESIGN: a generic configuration shell

Michael R. Hall, J. S. Kaminski, Arumugam Kumaran, Diane A. Ruddock

**Publisher:** ACM Press

Full text available:  [pdf\(954.66 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)


11 Performance analysis of FDDI token ring networks: effect of parameters and guidelines for setting TTRT



R. Jain

August 1990 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM symposium on Communications architectures & protocols SIGCOMM '90**, Volume 20 Issue 4

**Publisher:** ACM Press

Full text available:  [pdf\(1.11 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Fiber-Distributed Data Interface (FDDI) is a 100-Mbps Local Area Network (LAN) standard being developed by the American National Standards Institute (ANSI). It uses a timed-token access method and allows up to 500 stations to be connected with a total fiber length of 200 km. We analyze the performance of FDDI using a simple analytical model and a simulation model. The performance metrics of response time, efficiency, and maximum access delay are considered. The efficiency is defi ...

12 Towards a unification-based phonology

Richard Wiese

August 1990 **Proceedings of the 13th conference on Computational linguistics - Volume 3**

**Publisher:** Association for Computational Linguistics

Full text available:  [pdf\(346.88 KB\)](#) Additional Information: [full citation](#), [references](#)

13 A CAD/CAM system based upon the iAPX 432



Donald J. Criscione

December 1983 **Proceedings of the 1983 ACM SIGSMALL symposium on Personal and small computers**

**Publisher:** ACM Press

Full text available:  [pdf\(596.93 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Intel corporation has developed a 32 bit micro-processor which provides hardware support for object oriented applications, accommodates concurrent processing in a manner invisible to the user, and allows easy interfacing to peripherals. These features, along with numerous others that have never been offered before in a micro-processor, makes the iAPX 432 an attractive base for CAD/CAM. This paper outlines one possible implementation of a CAD/CAM system with the 432 at its heart. The adv ...

14 Toward automating the software-development cycle



Karen A. Frenkel

June 1985 **Communications of the ACM**, Volume 28 Issue 6

**Publisher:** ACM Press

Full text available:  [pdf\(1.24 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Knowledge-intensive rather than labor-intensive processes are being advanced to spur programming productivity.

15 Twentenet: A LAN with message priorities, design and performance considerations.



I. G. Niemegeers, C. A. Vissers

June 1984 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM symposium on Communications architectures and protocols: tutorials & symposium SIGCOMM '84**, Volume 14 Issue 2

**Publisher:** ACM Press

Full text available:  pdf(731.45 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper discusses design and performance aspects of Twentenet, one of the few implemented LANs which offers a service based on message priorities. The medium access mechanism uses the CSMA/CD principle, however with a deterministic collision resolution method. These characteristics make Twentenet suitable for real-time applications, as well as a mixture of real-time and non real-time applications. The general system structure is introduced followed by a detailed description of the priori ...

16 Designing a Safe Network Using Firewalls

Paul Wouters

August 1997 **Linux Journal**

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  html(26.47 KB) Additional Information: [full citation](#), [abstract](#), [citings](#), [index terms](#)


It is by no means necessary to purchase specialized firewall hardware or even software. A Linux server--running on a \$400 386 PC-- provides as much protection as most commercial firewalls, with much greater flexibility and eas

17 IBM 3081 system overview and technology

Clive A. Collins

January 1982 **Proceedings of the 19th conference on Design automation**

**Publisher:** IEEE Press

Full text available:  pdf(1.02 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

The development of the IBM 3081 established the methodology for designing and manufacturing a high-performance computer from an LSI chip technology. The high density packaging of the LSI chip is used to minimize interconnections and to support a fast machine cycle time. This paper will describe the methods used and will highlight some of the design problems that were solved, to offer an understanding of the challenges that LSI brings to the design cycle.

18 A demonstrated optical tracker with scalable work area for head-mounted display systems



Mark Ward, Ronald Azuma, Robert Bennett, Stefan Gottschalk, Henry Fuchs

June 1992 **Proceedings of the 1992 symposium on Interactive 3D graphics**

**Publisher:** ACM Press

Full text available:  pdf(1.37 MB) Additional Information: [full citation](#), [references](#), [citings](#), [index terms](#)

19 Applying deductive database technology to network management



Nalin Sharda, Refyul Fatri, Mohammad Abid

January 1997 **ACM SIGCOMM Computer Communication Review**, Volume 27 Issue 1

**Publisher:** ACM Press

Full text available:  pdf(1.04 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Network Management is essential for successful operation of any communications network. Due to the complexity of modern networks, their management requires application of artificial intelligence based techniques. Two essential aspects of any Network Management system are, a large volume of data, and rules applied to this data. Deductive database systems cater for both. In this paper we examine the suitability of deductive database systems for Network Management application. Fundamentals of Netwo ...


20 Computer network management: theory and practice



Bruce S. Elenbogen

March 1999 **ACM SIGCSE Bulletin , The proceedings of the thirtieth SIGCSE technical symposium on Computer science education SIGCSE '99**, Volume 31 Issue 1

**Publisher:** ACM Press

Full text available:  pdf(370.51 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

This paper discusses a non-traditional course in computer networking. The course is a laboratory course with substantial hands-on experiences, which can help to prepare students for jobs in industry as soon as they graduate from an undergraduate institution. This course is not meant to replace the traditional network course but to supplement it by teaching how computer networks work in practice and by exploring new topics such as internetworking, high speed networking, client/server computing an ...

**Keywords:** course, network, practical, undergraduate

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